Converting Colors

RGB(114, 98, 146)

Have a look what the booklet for RGB(114, 98, 146) contains.

Color

RGB(114, 98, 146)

Conversions

Conversions Part 1

Format	Color
Hex	726292
RGB	114, 98, 146
RGB Percent	45%, 38%, 57%
CMY	0.5529, 0.6157, 0.4275
CMYK	0.22, 0.33, 0.00, 0.43
HSL	260°, 20%, 48%
HSV	260°, 33%, 57%
XYZ	16.4954, 14.3881, 29.1019
YIQ	108.2560, -5.8720, 18.3200

Conversions

Conversions Part 2

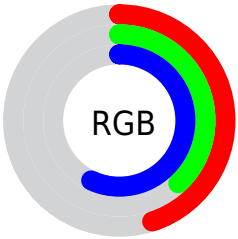
Format	Color
RYB	114, 98, 146
Decimal	7496338
CIELab	44.78, 16.90, -24.03
CIELCh	45, 29.375, 305.112
Yxy	14.3881, 0.2750, 0.2399
Android (android.graphics.Color)	4285686418 (0xFF726292)
YUV	108.2560, 18.6078, 5.0375
Hunter-Lab	37.9316, 11.2443, -18.9363

Details

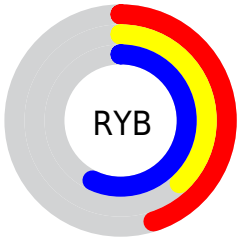
The RGB color 114, 98, 146 is a dark color, and the websafe version is hex 666699. A complement of this color would be 130, 146, 98, and the grayscale version is 108, 108, 108.

A 20% lighter version of the original color is 167, 149, 200, and 65, 51, 95 is the 20% darker color. If you saturate the color by 10%, you get 104, 83, 146, and if you desaturate by 10%, it is 124, 113, 146.

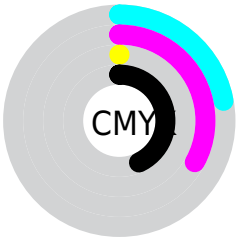
Distribution



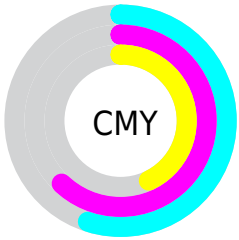
- Red (45%)
- Green (38%)
- Blue (57%)



- Red (45%)
- Yellow (38%)
- Blue (57%)



- Cyan (22%)
- Magenta (33%)
- Yellow (0%)
- Black (43%)



- Cyan (55%)
- Magenta (62%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 98, 146 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 114, 98, 146 by changing the saturation by 10% instead.

114, 98, 146	114, 98, 146
255, 255, 255	89, 74, 120
167, 149, 200	65, 51, 95
194, 175, 228	41, 30, 71
222, 203, 255	20, 7, 49
251, 231, 255	0, 1, 27
	0, 0, 0

114, 98, 146	114, 98, 146
104, 83, 146	124, 113, 146
95, 69, 146	133, 127, 146

85, 54, 146

75, 40, 146

65, 25, 146

56, 10, 146

49, 0, 146

143, 142, 146

153, 156, 146

163, 171, 146

172, 186, 146

182, 200, 146

192, 215, 146

202, 229, 146

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

76, 107, 154

114, 98, 146

140, 90, 127

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

114, 98, 146

138, 97, 62

16, 119, 109

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

114, 98, 146

130, 146, 98

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

61, 117, 85

114, 98, 146

118, 106, 56

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

114, 98, 146

151, 90, 79

92, 113, 65

0, 118, 133

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

114, 98, 146

150, 87, 111

92, 113, 65

35, 119, 101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

114, 98, 146

176, 170, 189

98, 130, 146

87, 83, 94

222, 222, 222

94, 94, 94

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

114, 98, 146

140, 115, 189

138, 98, 146

69, 67, 74

46, 0, 138

3, 0, 10

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

146, 98, 130

189, 115, 164

106, 146, 98

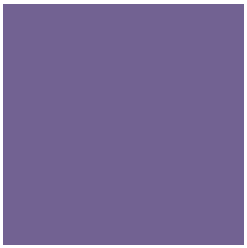
74, 67, 71

138, 0, 92

10, 0, 7

Previews

White Background

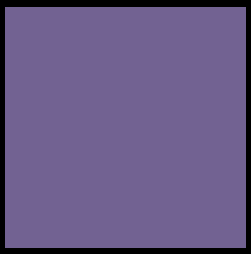


This preview shows how the RGB color 114, 98, 146 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

Black Background



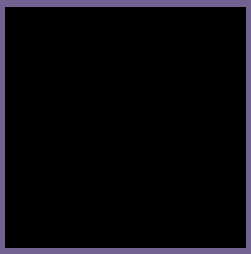
This preview shows how the RGB color 114, 98, 146 looks on a black background.

Color Contrast Check

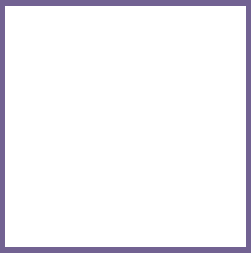
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 114, 98, 146 Background



This preview shows how black text looks on a background with the RGB color 114, 98, 146.

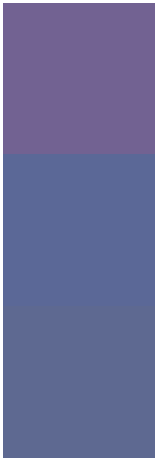


This preview shows how white text looks on a background with the RGB color 114, 98, 146.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



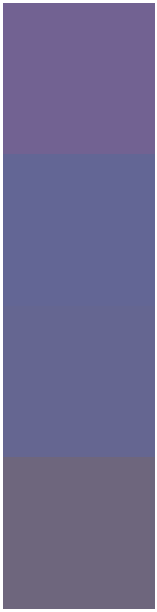
Original Color
114, 98, 146

Protanopia
91, 104, 151

Deuteranopia
94, 105, 145

Tritanopia
108, 105, 113

Trichromacy



Original Color
114, 98, 146

Protanomaly
99, 102, 149

Deuteranomaly
101, 102, 145

Tritanomaly
110, 102, 125

Monochromacy

Original Color
114, 98, 146

Achromatopsia
108, 108, 108

Achromatomaly
110, 104, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 98, 146 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(114, 98, 146) looks like.

```
.text, #text, p{
    color:rgb(114, 98, 146)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(114, 98, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 98, 146) }
```

Border

The CSS property to change the border of an element to RGB 114, 98, 146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 98, 146) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(114, 98, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(114, 98, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 98, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 98, 146); box-shadow:4px 4px 4px 4px rgb(114, 98, 146) }
```

Background

The CSS property to change the background color of an element to RGB 114, 98, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(114, 98, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(114, 98,
146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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